



Ted Wynne Engineering/Contractor, Inc.

417 WELSHWOOD DRIVE • SUITE 114 • NASHVILLE, TN 37211

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December 7, 1999

Ms. Sharon Jordan
Tennessee Valley Authority
P.O. Box 1010
Muscle Shoals, Alabama 35662-1010

Re: Fairview High School (Hole #2)
Collman, Alabama

This office performed a test on a 205 feet deep, 6 inch diameter vertical bore, backfilled with native tailings and sand , November 28, 1999. The following data was derived from test data:

Thermal Conductivity	2.0 BTU/HR-F
Ground Temperature	59.6 F

We feel that based on our observation of the terrain, the above is representative of the area where field bores will be located for this project.

The driller's log is attached for your information.

Please let us know if any additional information is needed.

Sincerely,

TED WYNNE ENGINEERING CONTRACTORS, INC.

Ted Wynne, P.E.

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Drill Log

Fairview High School

(Hole #2 - Front of New High School)

<u>Depth</u>	<u>Conditions</u>
0-21'	Dark red to light red clay
21-25'	Dark gray clay
25-45'	Gray limestone - moist at 37', wet at 42'
45-65'	Sandy gray limestone (soft)
65-85'	Soft gray limestone (real soft)
85-105'	Soft gray limestone - hard & soft spots - wet at 87'
105-165'	Sandy gray limestone - hard & soft spots
165-205'	Sandy gray limestone - med to hard